

Title (en)

Switchgear and method for operating switchgear

Title (de)

Schaltanlage und Verfahren zum Betrieb einer Schaltanlage

Title (fr)

Appareil de commutation et procédé de fonctionnement d'un appareil de commutation

Publication

EP 2287874 A3 20120215 (EN)

Application

EP 10007796 A 20100727

Priority

JP 2009186985 A 20090812

Abstract (en)

[origin: EP2287874A2] A switchgear includes an earthing and disconnecting switch (10) which linearly moves and is switchable to a disconnecting and an earthing positions, a vacuum valve (1) which performs closing and breaking of a current in a vacuum container producing vacuum inside, and a solid insulator (30) with which the earthing and disconnecting switch (10) and the vacuum valve (1) are covered, therein the earthing and disconnecting switch (10) and the vacuum valve (1) are electrically connected, and closing and breaking of a current is performed in the vacuum valve (1).

IPC 8 full level

H01H 31/00 (2006.01); **H01H 33/66** (2006.01)

CPC (source: EP KR US)

H01H 31/003 (2013.01 - EP US); **H01H 33/66** (2013.01 - KR); **H01H 33/6661** (2013.01 - EP US); **H02B 13/02** (2013.01 - KR); **H02B 13/0354** (2013.01 - EP US); **H01H 2033/66223** (2013.01 - EP US); **H01H 2033/6668** (2013.01 - EP US)

Citation (search report)

- [XY] EP 1959471 A1 20080820 - HITACHI LTD [JP]
- [XY] US 2008308531 A1 20081218 - TSUCHIYA KENJI [JP], et al
- [Y] EP 1343233 A2 20030910 - TOSHIBA KK [JP]
- [XY] EP 1693873 A2 20060823 - HITACHI LTD [JP]

Cited by

EP3125262A4

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2287874 A2 20110223; **EP 2287874 A3 20120215**; CN 101996815 A 20110330; CN 101996815 B 20131113; CN 102420069 A 20120418; CN 102420069 B 20130710; EP 2546850 A2 20130116; EP 2546850 A3 20130904; EP 2546850 B1 20170510; HK 1166179 A1 20121019; JP 2011041407 A 20110224; JP 4906892 B2 20120328; KR 101340516 B1 20131211; KR 101349234 B1 20140110; KR 20110016833 A 20110218; KR 20110093752 A 20110818; SG 169291 A1 20110330; US 2011036811 A1 20110217; US 8710388 B2 20140429

DOCDB simple family (application)

EP 10007796 A 20100727; CN 201010251855 A 20100811; CN 201110221992 A 20100811; EP 12007056 A 20100727; HK 12106762 A 20120710; JP 2009186985 A 20090812; KR 20100077179 A 20100811; KR 20110069880 A 20110714; SG 2010058550 A 20100811; US 85465910 A 20100811